USDA United States Department of Agriculture | Forest Service | Northeastern Area State and Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

**File Code:** 3400
**Date:** February 20, 2009

Mr. Dave Liagre
U.S. Army Corps of Engineers
Louisville District
P.O. Box 59
Attn: ORLOR-R/Ron Waller
Louisville, KY 40201

Dear Mr. Liagre:

Summaries of the 1983-2008 gypsy moth trapping program conducted at four Army Corps of Engineers sites within the Louisville District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations at each site (Figures 1a-1d). The purpose of the trapping program is to monitor low-level gypsy moth populations and to help determine when more intensive survey methods should be employed.

Total trap catch at Clarence J Brown Dam decreased from four male moths in 2007 to one male moth in 2008. Zero gypsy moths were trapped at Caesar Creek Lake, West Fork Lake and William Harsha Lake. Based on these results, gypsy moth populations will not impact the forest resources at these Corps sites in the immediate future.

Also enclosed are Figures 2a-2d which show the 2008gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each Figure show close-ups of the STS results in relation to the four Corps site properties. For more information regarding the STS program, visit http://www.gmsts.org.

It is important for Corps personnel to look for other gypsy moth life stages while performing their normal duties. Visit our GM web site located at http://www.na.fs.fed.us/fhp/gm/index.shtm for publications that are helpful in identifying the different gypsy moth life stages.

We would like to continue the trapping program at the same intensity in 2009. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

Bob Lueckel

ROBERT G. LUECKEL
Field Representative
Morgantown Field Office

Enclosures

Cc: Dave Johnstone, Caesar Creek Lake
Brian Menker, Clarence J. Brown Dam
Steve Lee, Miami River Area
Steve Shulte, West Fork Lake
David Zagurney, William Harsha Lake
Dave Adkins, OHDA
Dan Balser, OHDNR

KDF/blm

Figure 1.- - Summary of the 1983-2008 gypsy moth trapping results, Louisville District, U.S. Army Corps of Engineers

Caesar Creek Lake (Warren and Clinton Counties, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|---|---|---|---|
| 1983 | 15 | 0 | - - |
| 1984 | 15 | 0 | - - |
| 1985 | 19 | 0 | - - |
| 1986 | 19 | 0 | - - |
| 1987 | 19 | 0 | - - |
| 1988 | 19 | 0 | - - |
| 1989 | 19 | 0 | - - |
| 1990 | 19 | 0 | - - |
| 1991 | 15 | 0 | - - |
| 1992 | 15 | 1 | # 2 |
| 1993 | 15 | 0 | - - |
| 1994 | 14 | 0 | - - |
| 1995 | 14 | 1 | # 11 |
| 1996 | 15 | 0 | - - |
| 1997 | 14 | 1 | # 5 |
| 1998 | 13 | 0 | -- |
| 1999 | 14 | 6 | #1, 5, 8, 12 |
| 2000 | 14 | 19 | #3, 4, 6, 7, 10, 11-14 |
| 2001 | 14 | 10 | #1, 3-8, 10, 12, 14 |
| 2002 | 14 | 0 | -- |
| 2003 | 14 | 1 | # 4 |
| 2004 | 14 | 0 | -- |
| 2005 | 14 | 0 | -- |
| 2006 | 14 | 0 | -- |
| 2007 | 14 | 0 | -- |
| 2008 | 14 | 0 | -- |

Clarence J. Brown (Clark County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|---|---|---|---|
| 1983 | 10 | 0 | - - |
| 1984 | 10 | 0 | - - |
| 1985 | 10 | 0 | - - |
| 1986 | 10 | 0 | - - |
| 1987 | 10 | 0 | - - |
| 1988 | 10 | 0 | - - |
| 1989 | 10 | 0 | - - |
| 1990 | 10 | 4 | # 2, 3, 4 |
| 1991 | 10 | 0 | - - |
| 1992 | 10 | 0 | - - |
| 1993 | 10 | 1 | # 9 |
| 1994 | 13 | 0 | - - |
| 1995 | 13 | 1 | # 11 |
| 1996 | 13 | 0 | - - |
| 1997 | 13 | 23 | # 2-5, 7, 10-13 |
| 1998 | 13 | 7 | # 3, 9, 11, 13 |
| 1999 | 13 | 25 | All except # 2, 3 |
| 2000 | 13 | 9 | #4, 8, 9, 11, 12 |
| 2001 | 13 | 2 | # 4, 9 |
| 2002 | 13 | 1 | # 2 |
| 2003 | 13 | 3 | # 5, 8, 13 |
| 2004 | 13 | 17 | # 1,2,4,6,7,10, 12, 13 |
| 2005 | 14 | 96 | All |
| 2006 | 14 | 28 | # 5-9, 11 |
| 2007 | 14 | 4 | # 5 |
| 2008 | 14 | 1 | # 8 |

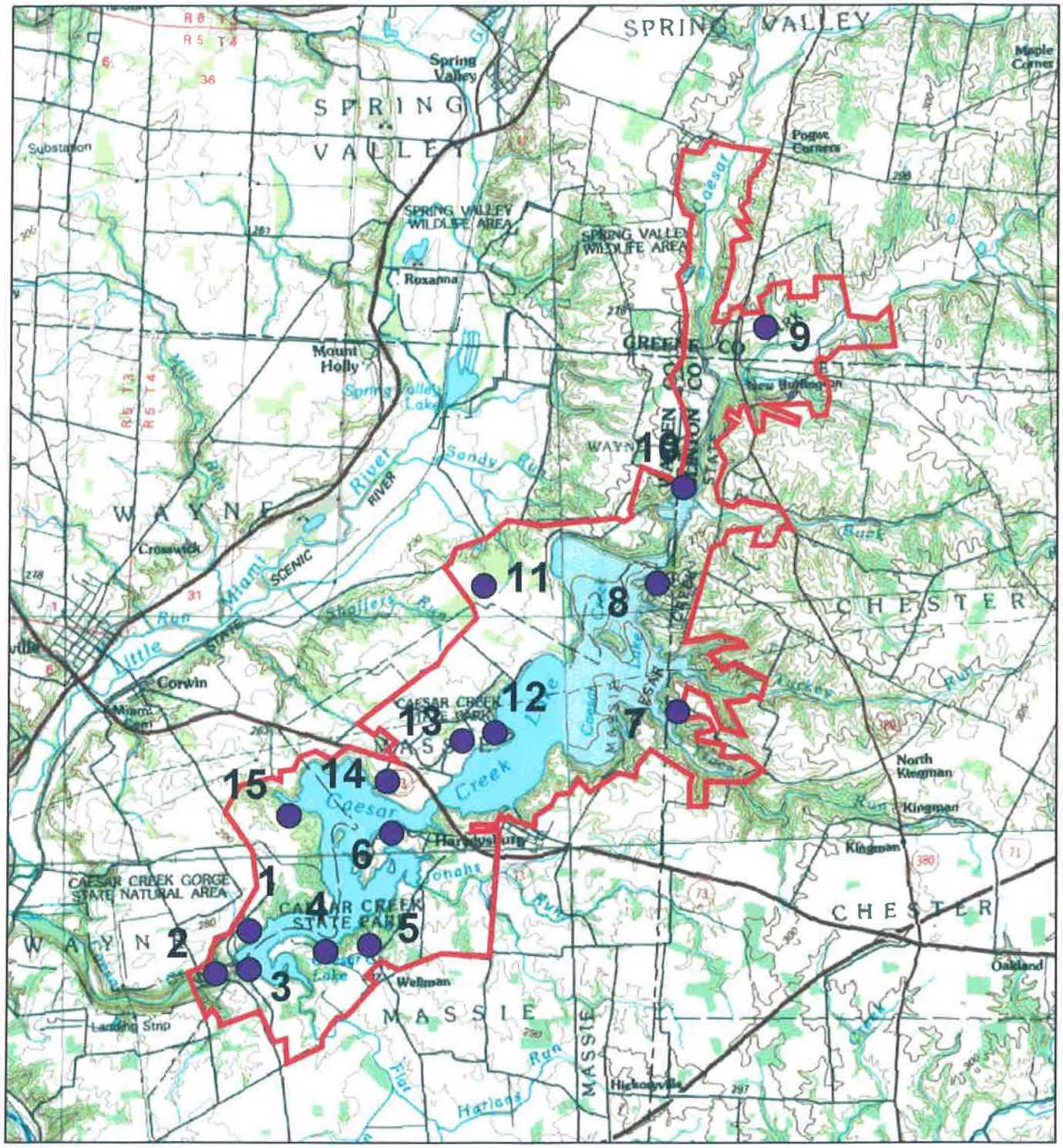
William H. Harsha Lake (Clermont County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|---|---|---|---|
| 1983 | 15 | 0 | - - |
| 1984 | 15 | 0 | - - |
| 1985 | 15 | 0 | - - |
| 1986 | 15 | 0 | - - |
| 1987 | 15 | 0 | - - |
| 1988 | 15 | 0 | - - |
| 1989 | 15 | 0 | - - |
| 1990 | 15 | 0 | - - |
| 1991 | 11 | 0 | - - |
| 1992 | 11 | 0 | - - |
| 1993 | 11 | 0 | - - |
| 1994 | 11 | 0 | - - |
| 1995 | 12 | 0 | - - |
| 1996 | 12 | 0 | - - |
| 1997 | 12 | 0 | - - |
| 1998 | 12 | 0 | -- |
| 1999 | 12 | 14 | # 1, 2, 3, 5, 7, 11, 12 |
| 2000 | 12 | 2 | #2 |
| 2001 | 12 | 4 | -- |
| 2002 | 12 | 0 | -- |
| 2003 | 12 | 0 | -- |
| 2004 | 12 | 0 | -- |
| 2005 | 1 | 0 | -- |
| 2006 | 12 | 0 | -- |
| 2007 | 12 | 0 | -- |
| 2008 | 12 | 0 | -- |

West Fork Lake (Hamilton County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|---|---|---|---|
| 1983 | 10 | 0 | - - |
| 1984 | 10 | 0 | - - |
| 1985 | 10 | 0 | - - |
| 1986 | 10 | 0 | - - |
| 1987 | 10 | 0 | - - |
| 1988 | 10 | 0 | - - |
| 1989 | 10 | 0 | - - |
| 1990 | 10 | 0 | - - |
| 1991 | 10 | 0 | - - |
| 1992 | 10 | 0 | - - |
| 1993 | 10 | 0 | - - |
| 1994 | 10 | 0 | - - |
| 1995 | 10 | 0 | - - |
| 1996 | 10 | 0 | - - |
| 1997 | 10 | 0 | - - |
| 1998 | 10 | 0 | -- |
| 1999 | 8 | 10 | All except # 7 |
| 2000 | 8 | 9 | All except #2, 6 |
| 2001 | 8 | 3 | -- |
| 2002 | 8 | 0 | -- |
| 2003 | 8 | 0 | -- |
| 2004 | 8 | 4 | # 4, 6 |
| 2005 | 8 | 1 | # 4 |
| 2006 | 8 | 0 | -- |
| 2007 | 8 | 0 | -- |
| 2008 | 8 | 0 | -- |

# Figure 1a.--2008 gypsy moth trap locations at Caesar Creek Lake.




## Legend

Approximate Project boundary

Trap locations

0 0.5 1 2 Miles

USDA Forest Service, State & Private Forestry, Morgantown, WV

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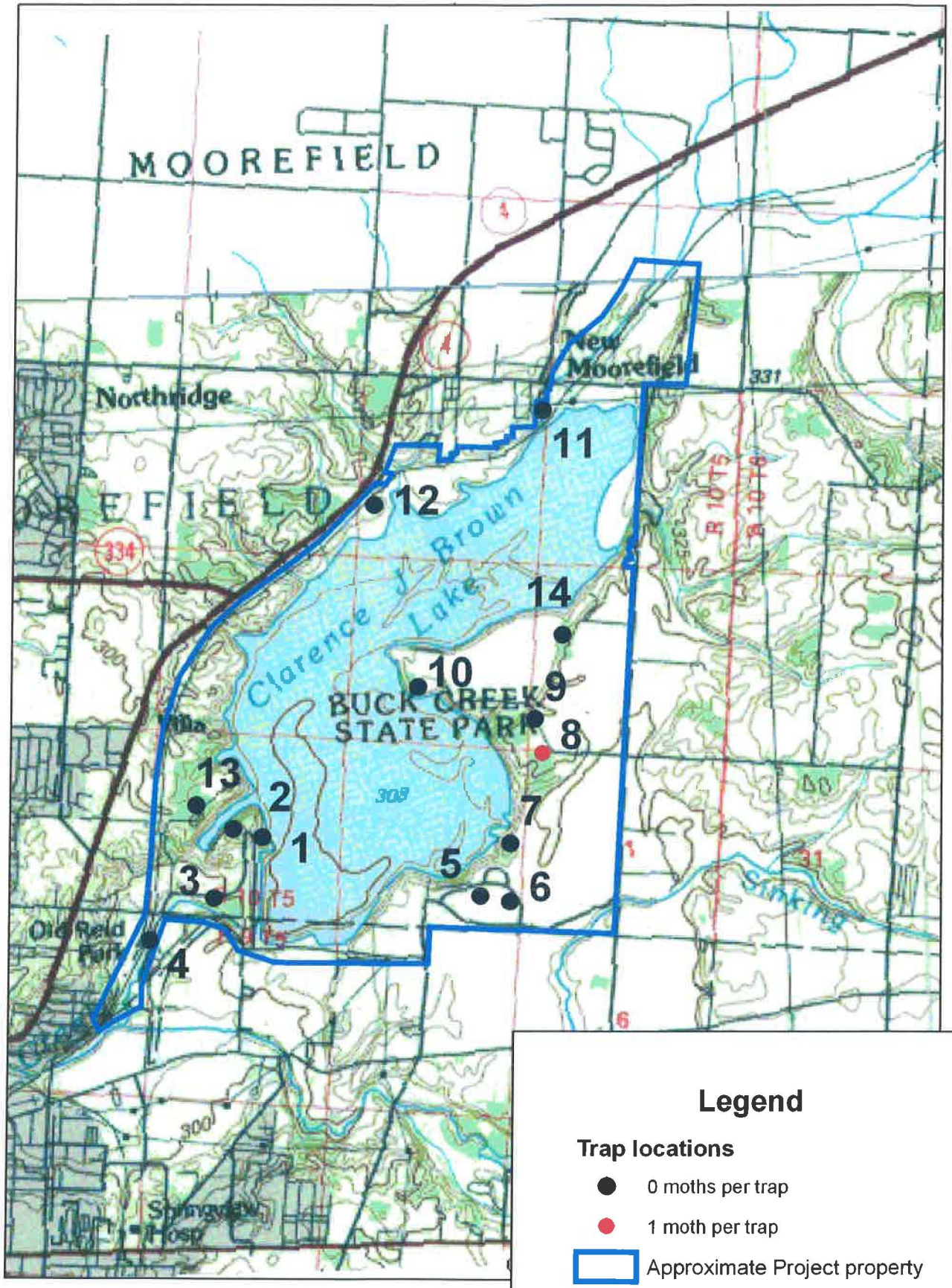
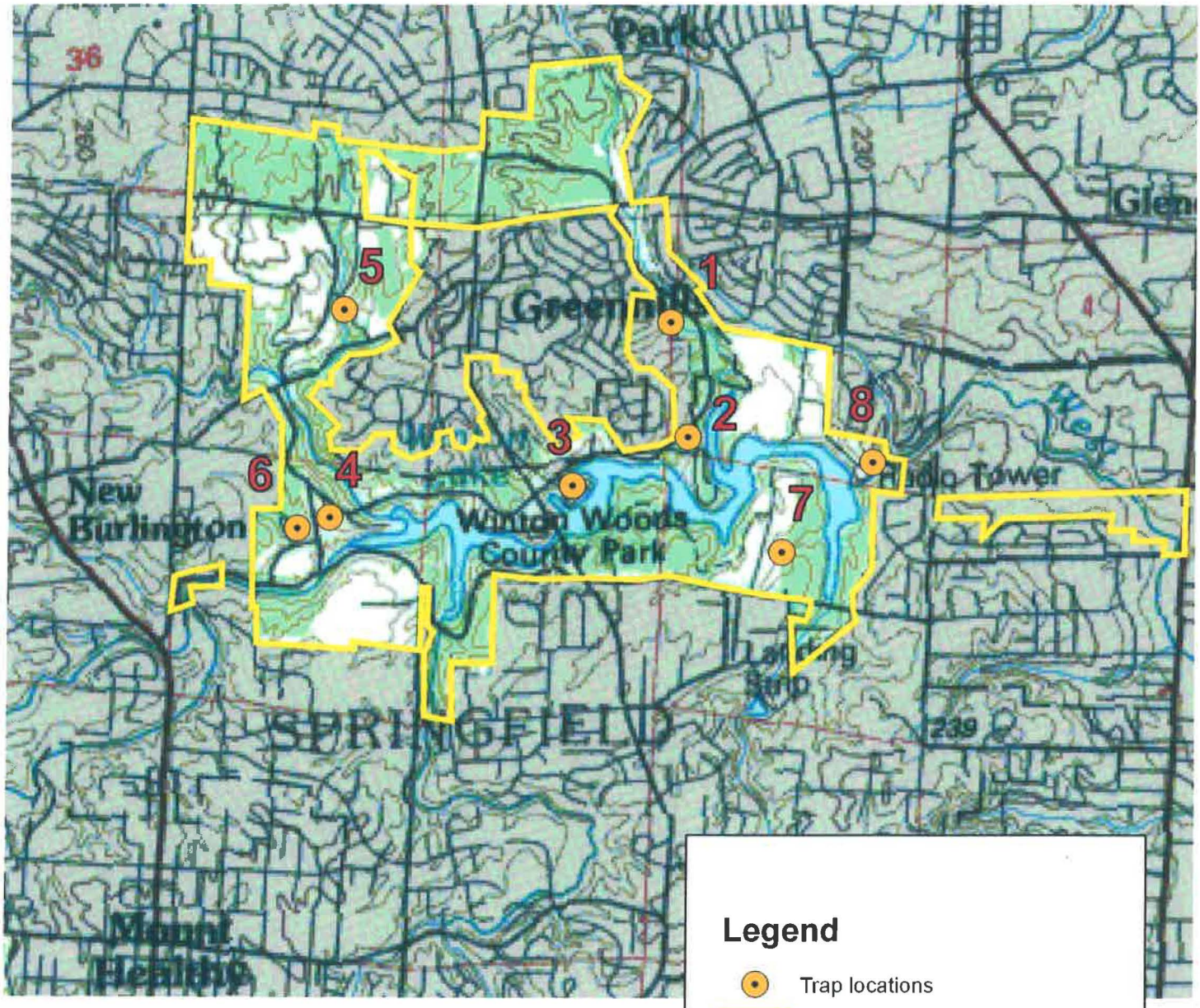
# Figure 1b.--2008 gypsy moth trapping results at Clarence J. Brown Reservoir.




USDA Forest Service, State & Private Forestry, Morgantown, WV

2/09 KDF

## Figure 1c.--2008 gypsy moth trap locations at West Fork Lake.




USDA Forest Service, State & Private Forestry, Morgantown, WV

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# Figure 1d.--2008 gypsy moth trap locations at William H. Harsha Lake.

0 0.5 1 2 Miles

**Legend**

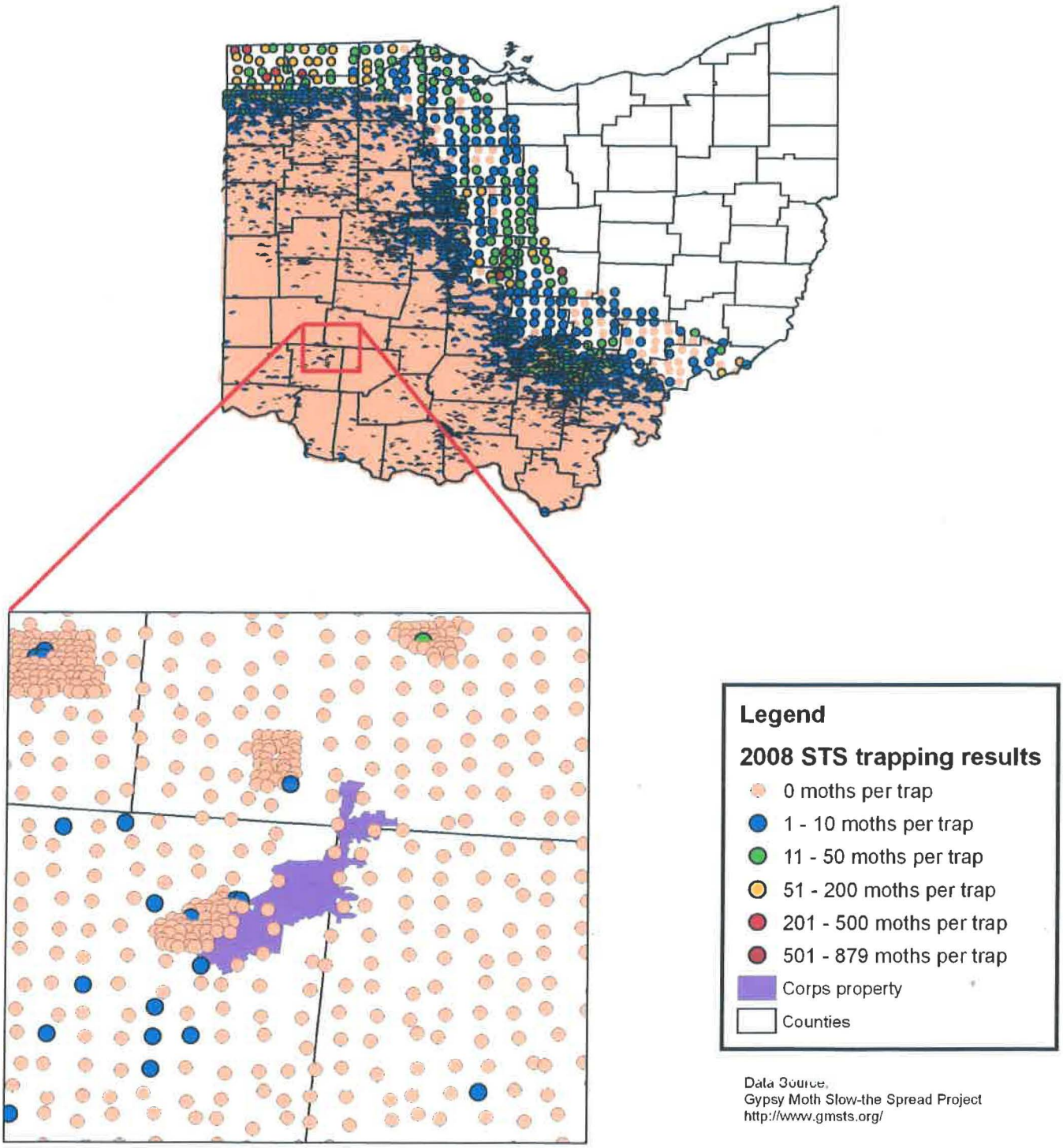
Trap locations

Approximate Project boundary

USDA Forest Service, State & Private Forestry, Morgantown, WV

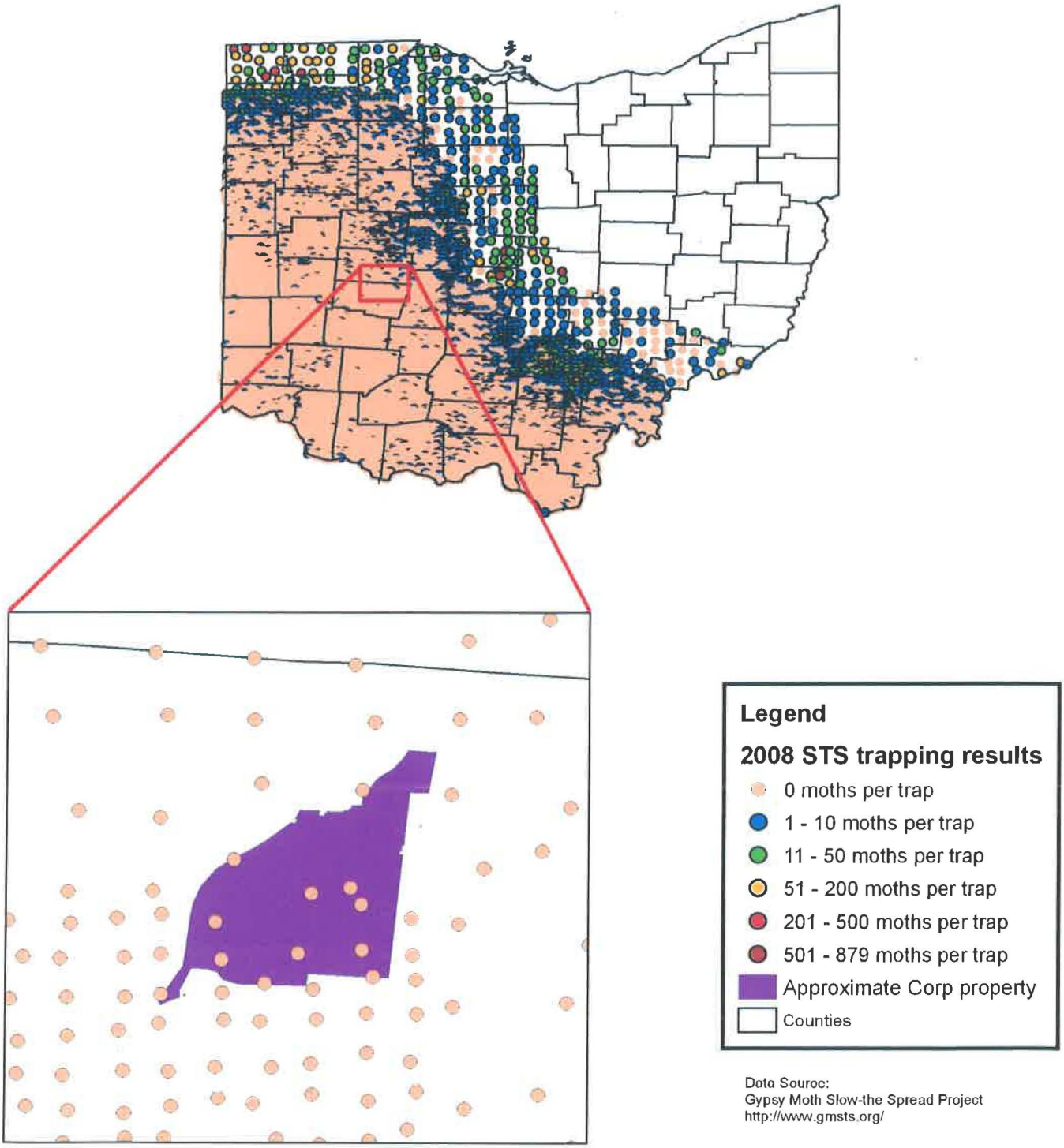
2/09 KDF

# Figure 2a.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of Caesar Creek Lake.


Legend
2008 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 879 moths per trap
Corps property
Counties

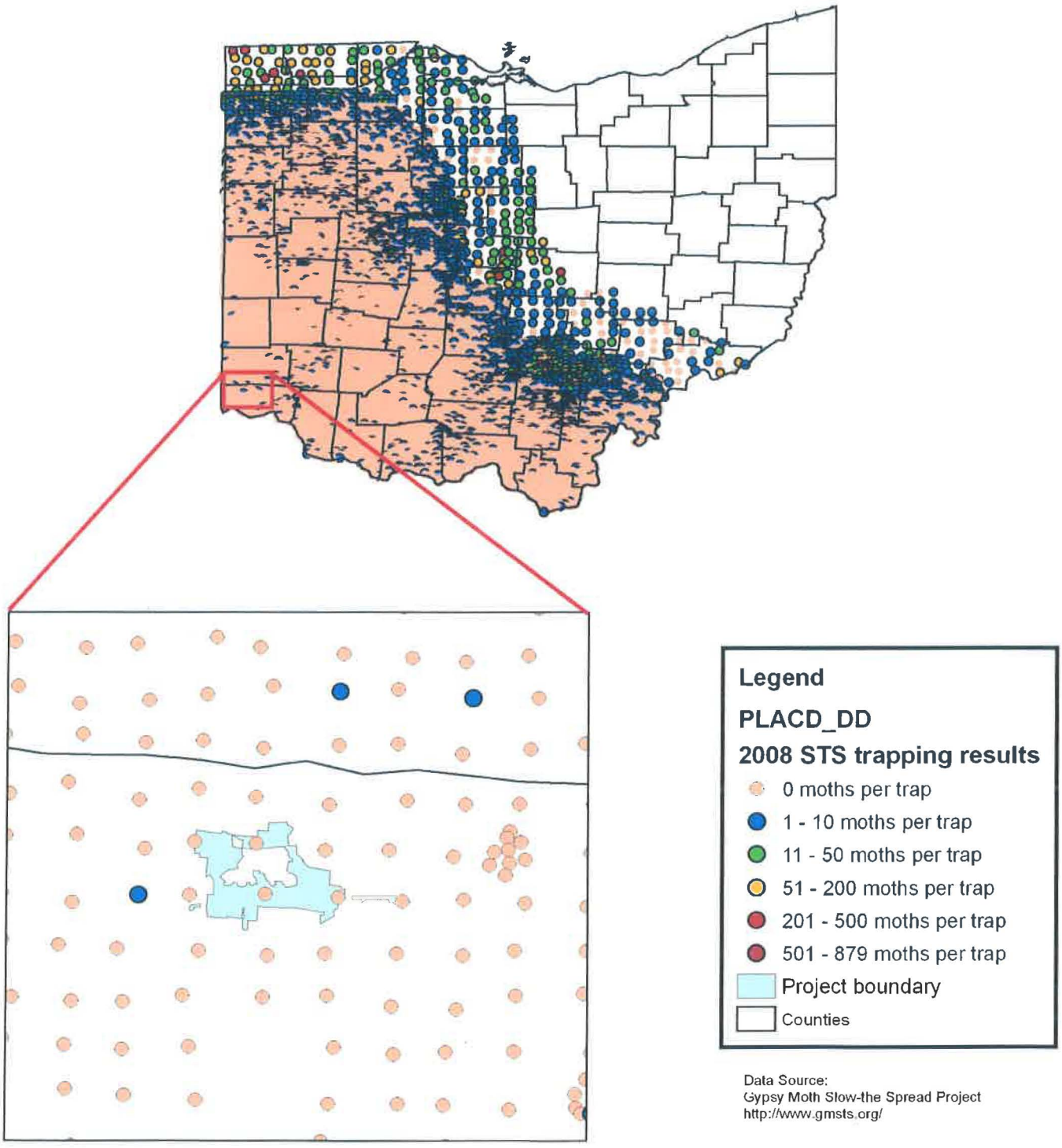
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

# Figure 2b.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of Clarence J Brown Reservoir.


Legend
2008 STS trapping results
0 moths per trap
1 - 10 moths per trap
11 - 50 moths per trap
51 - 200 moths per trap
201 - 500 moths per trap
501 - 879 moths per trap
Approximate Corp property
Counties

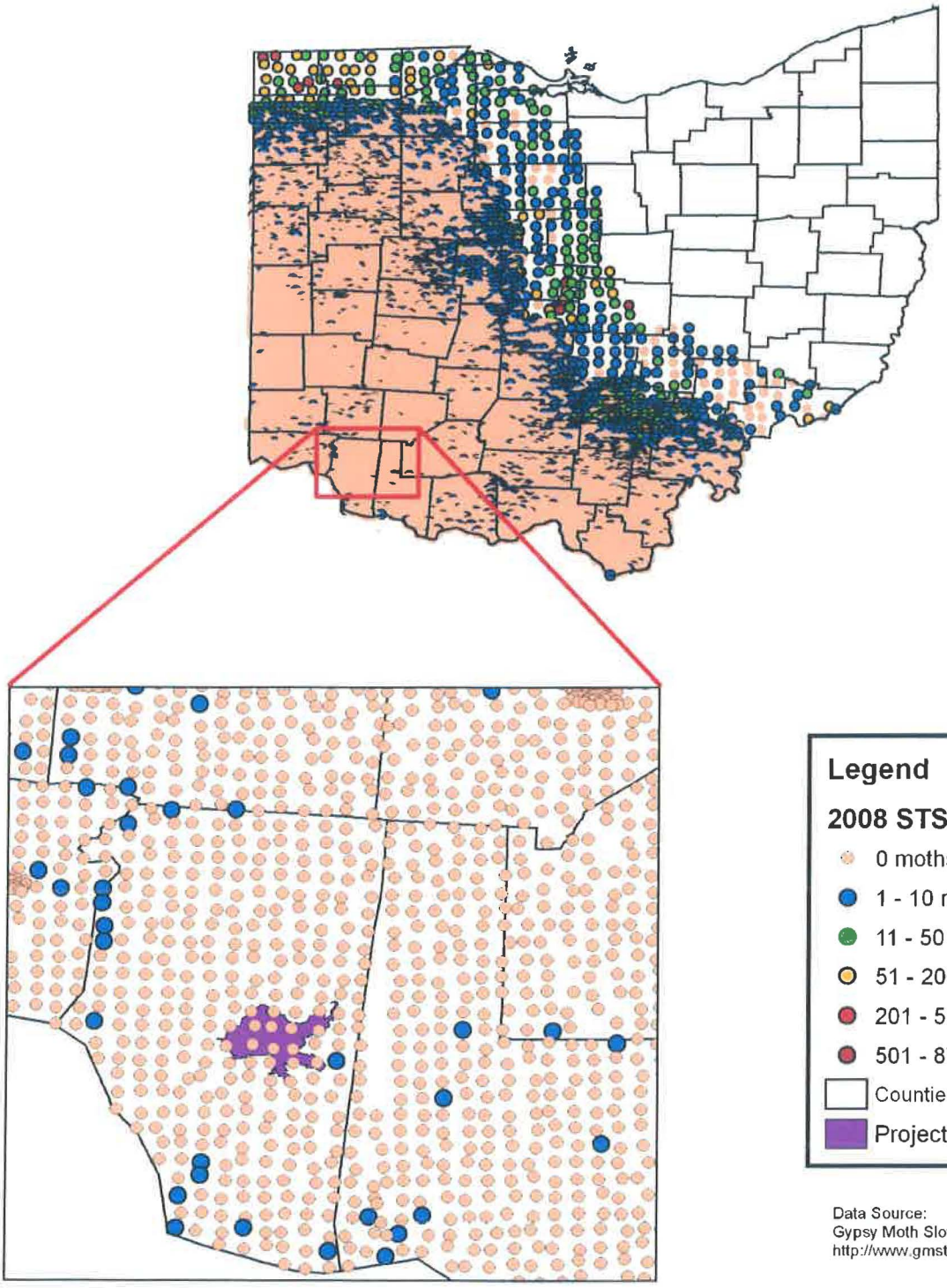
Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

# Figure 2c.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of West Fork Lake.




Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/

# Figure 2d.--2008 Slow-the-Spread trapping results in Ohio and in the proximity of William H. Harsha Lake.



**Legend**

**2008 STS trapping results**

- 0 moths per trap
- 1 - 10 moths per trap
- 11 - 50 moths per trap
- 51 - 200 moths per trap
- 201 - 500 moths per trap
- 501 - 879 moths per trap
- Counties
- Project boundary

Data Source:
Gypsy Moth Slow-the Spread Project
http://www.gmsts.org/